



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Bernd Riedl et al.

Confirmation No.: 1010

Serial No. : 09/993,647

Examiner: Deepak R. Rao

Filed : November 27, 2001

Group Art Unit: 1624

Title : ω -CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS
RAF KINASE INHIBITORS

SUBMISSION OF EXECUTED DECLARATIONS

MAIL STOP:

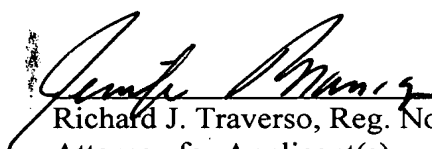
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed are copies of the 132 Declaration of record executed by the co-inventors,
William J. Scott, Uday Khire, Jill Wood and Reina Natero.

The Commissioner is hereby authorized to charge any fees associated with this response or
credit any overpayment to Deposit Account No. 13-3402.

Respectfully submitted,

 40,921
Richard J. Traverso, Reg. No. 30,595
Attorney for Applicant(s)

MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Arlington Courthouse Plaza 1, Suite 1400
2200 Clarendon Boulevard
Arlington, Virginia 22201
Telephone: (703) 812 5310

Attorney Docket No.: BAYER-0018-A
Date: June 29, 2007



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Bernd Riedl et al.

Serial No. : 09/993,647

Examiner: Deepak R. Rao

Filed : November 27, 2001

Group Art Unit: 1624

Title : -CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS
RAF KINASE INHIBITORS

Declaration under 37 CFR § 132

MAIL STOP NON FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, the undersigned, being duly warned declare that:

We are co-inventors named in the above-identified application.

We are co-inventors of subject matter disclosed in US PROVISIONAL APPLICATION
NUMBER 60/367,346 filed on November 28, 2000.

We have reviewed method claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119 now
pending in the above application and we believe we are the co-inventors of the subject
matter of all claims (claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119) therein.

We invented the subject matter of claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-
119 at least as early January 13, 1999, as evidenced by compound numbers 42 and 43
within the tables of US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January
13, 1999, and other portions of the disclosure within the specification of US
PROVISIONAL APPLICATION NUMBER 60/115,877, such as, for example, portions
pertaining to pharmaceutically acceptable salts of the compounds disclosed (see, for
example, page 6, line 25 through page 7, line 5) the preparation and use of medicaments
with the compounds disclosed (see, for example page 11, line 9 through page 16, line 2)
and the treatment of solid tumors, carcinomas, including carcinomas of the lungs,
pancreas, thyroid, bladder or colon, myeloid disorders, adenomas, including villous colon
adenoma, with the compounds disclosed (see for example, page 2, lines 5-14).

Any description of the subject matter of claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119 within the following applications, assigned to the same assignee as the present invention, is a description of our invention.

US 60/115,878, FILED 01/13/1999;
US 60/115,877, FILED 01/13/1999;
US 9/257,265, FILED 02/25/1999;
US 09/257,266, FILED 02/25/1999;
US 09/425,228, FILED 10/22/1999;
US 09/425,229, FILED 10/22/1999;

PCT/US 00/00768, FILED 01/13/2000;
PCT/US 00/00648, FILED 01/13/2000;

US 09/722,418, FILED 11/28/2000;

US 09/758,266, FILED 01/12/2001;
US 09/758,548, FILED 01/12/2001;
US 09/758,549, FILED 01/12/2001;
US 09/773,659, FILED 02/02/2001;
US 09/773,675, FILED 02/02/2001;
US 09/773,672, FILED 02/02/2001;
US 09/773,658, FILED 02/02/2001;
US 09/773,604, FILED 02/02/2001;
US 09/777,920, FILED 02/07/2001;
US 09/889,227, FILED 07/12/2001;
US 09/907,970, FILED 07/19/2001;
US 09/948,915, FILED 09/10/2001;
US 09/993,647, FILED 11/27/2001;
US 60/334,609, FILED 12/03/2001;

US 10/042,226, FILED 01/11/2002;
US 10/071,248, FILED 02/11/2002;
US 60/354,950, FILED 02/11/2002;
US 60/354,937, FILED 02/11/2002;
US 10/086,417, FILED 03/04/2002
US 10/308,187, FILED 12/03/2002;

PCT/US 02/03361, FILED 02/07/2002;
PCT/US 02/38439, FILED 12/03/2002;

US 10/361,358, FILED 02/11/2003;
US 10/361,859, FILED 02/11/2003;
US 60/471,735, FILED 05/20/2003;

US 60/489,102, FILED 07/23/2003;
US 10/659,639, FILED 09/11/2003
US 60/520,399, FILED 11/17/2003;

PCT/US 03/04103, FILED 02/11/2003;
PCT/US 03/04109, FILED 02/11/2003;

US 60/536,734, FILED 01/16/2004;
US 60/540,326, FILED 02/02/2004;
US 60/556,062, FILED 03/25/2004;
US 10/848,567, FILED 05/19/2004;
US 10/895,985, FILED 07/22/2004;
US 60/604,752, FILED 08/27/2004;
US 60/604,753, FILED 08/27/2004;

PCT/US 04/15655, FILED 05/19/2004;
PCT/US 04/15653, FILED 05/19/2004;
PCT/US 04/23500, FILED 07/22/2004;

US 60/658,827, FILED 03/07/2005 AND
US 60/731,277, FILED 10/31/2005.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

_____ Bernd Riedl,	_____ Date	_____ William J. Scott	_____ Date
_____ Jacques Dumas,	_____ Date	_____ Roger A. Smith	_____ Date
_____ Uday Khire,	_____ Date	<i>Jill E. Wood</i> Jill E. Wood	<i>5/30/07</i> Date
_____ Timothy B. Lowinger	_____ Date	_____ Reina Natero	_____ Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Bernd Riedl et al.

Serial No. : 09/993,647

Examiner: Deepak R. Rao

Filed : November 27, 2001

Group Art Unit: 1624

Title : ω -CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS
RAF KINASE INHIBITORS

Declaration under 37 CFR § 132

MAIL STOP NON FINAL

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We, the undersigned, being duly warned declare that:

We are co-inventors named in the above-identified application.

We are co-inventors of subject matter disclosed in US PROVISIONAL APPLICATION
NUMBER 60/367,346 filed on November 28, 2000.

We have reviewed method claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119 now
pending in the above application and we believe we are the co-inventors of the subject
matter of all claims (claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119) therein.

We invented the subject matter of claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-
119 at least as early January 13, 1999, as evidenced by compound numbers 42 and 43
within the tables of US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January
13, 1999, and other portions of the disclosure within the specification of US PROVISIONAL
APPLICATION NUMBER 60/115,877, such as, for example, portions pertaining to
pharmaceutically acceptable salts of the compounds disclosed (see, for example, page 6,
line 25 through page 7, line 5) the preparation and use of medicaments with the
compounds disclosed (see, for example page 11, line 9 through page 16, line 2) and the
treatment of solid tumors, carcinomas, including carcinomas of the lungs, pancreas,
thyroid, bladder or colon, myeloid disorders, adenomas, including villous colon adenoma,
with the compounds disclosed (see for example, page 2, lines 5-14).

Any description of the subject matter of claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119 within the following applications, assigned to the same assignee as the present invention, is a description of our invention.

US 60/115,878, FILED 01/13/1999;
US 60/115,877, FILED 01/13/1999;
US 9/257,265, FILED 02/25/1999;
US 09/257,266, FILED 02/25/1999;
US 09/425,228, FILED 10/22/1999;
US 09/425,229, FILED 10/22/1999;

PCT/US 00/00768, FILED 01/13/2000;
PCT/US 00/00648, FILED 01/13/2000;

US 09/722,418, FILED 11/28/2000;

US 09/758,266, FILED 01/12/2001;
US 09/758,548, FILED 01/12/2001;
US 09/758,549, FILED 01/12/2001;
US 09/773,659, FILED 02/02/2001;
US 09/773,675, FILED 02/02/2001;
US 09/773,672, FILED 02/02/2001;
US 09/773,658, FILED 02/02/2001;
US 09/773,604, FILED 02/02/2001;
US 09/777,920, FILED 02/07/2001;
US 09/889,227, FILED 07/12/2001;
US 09/907,970, FILED 07/19/2001;
US 09/948,915, FILED 09/10/2001;
US 09/993,647, FILED 11/27/2001;
US 60/334,609, FILED 12/03/2001;

US 10/042,226, FILED 01/11/2002;
US 10/071,248, FILED 02/11/2002;
US 60/354,950, FILED 02/11/2002;
US 60/354,937, FILED 02/11/2002;
US 10/086,417, FILED 03/04/2002;
US 10/308,187, FILED 12/03/2002;

PCT/US 02/03361, FILED 02/07/2002;
PCT/US 02/38439, FILED 12/03/2002;

US 10/361,358, FILED 02/11/2003;
US 10/361,859, FILED 02/11/2003;
US 60/471,735, FILED 05/20/2003;

US 60/489,102, FILED 07/23/2003;
US 10/659,639, FILED 09/11/2003
US 60/520,399, FILED 11/17/2003;

PCT/US 03/04103, FILED 02/11/2003;
PCT/US 03/04109, FILED 02/11/2003;

US 60/536,734, FILED 01/16/2004;
US 60/540,326, FILED 02/02/2004;
US 60/556,062, FILED 03/25/2004;
US 10/848,567, FILED 05/19/2004;
US 10/895,985, FILED 07/22/2004;
US 60/604,752, FILED 08/27/2004;
US 60/604,753, FILED 08/27/2004;

PCT/US 04/15655, FILED 05/19/2004;
PCT/US 04/15653, FILED 05/19/2004;
PCT/US 04/23500, FILED 07/22/2004;

US 60/658,827, FILED 03/07/2005 AND
US 60/731,277, FILED 10/31/2005.

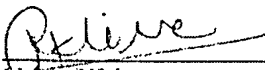
We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Bernd Riedl, _____ Date

William J. Scott _____ Date

Jacques Dumas, _____ Date

Roger A. Smith _____ Date

 5/31/2007
Day Khire, _____ Date

Jill E. Wood _____ Date

Timothy B. Lowinger _____ Date

Reina Natero _____ Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bernd RIEDL et al.

Confirmation No.: 6634

Serial No.: 10/042,203

Examiner: Rita J. Desai

Filed: January 11, 2002

Group Art Unit: 1625

Title: **Ω -CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS RAF KINASE INHIBITORS**

Declaration under 37 CFR § 131

MAIL STOP NON FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, the undersigned, being duly warned declare that:

We are co-inventors named in the above-identified application.

We are co-inventors of subject matter disclosed in US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January 13, 1999.

We have reviewed claims 68 and 122-137 now pending in the above application and we believe we are the co-inventors of the subject matter of claims 134-136 therein.

As evidenced by compound numbers 42 and 43 within the tables of US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January 13, 1999, we invented these compounds at least as early as January 13, 1999.

Any description of the subject matter of claims 134-136 within the following applications, assigned to the same assignee as the present invention, is a description of our invention.

US 60/115,878, FILED 01/13/1999;
US 60/115,877, FILED 01/13/1999;
US 9/257,265, FILED 02/25/1999;
US 09/257,266, FILED 02/25/1999;
US 09/425,228, FILED 10/22/1999;
US 09/425,229, FILED 10/22/1999;

Any description of the subject matter of claims 74, 81, 87, 93, 99, 100-104, 106-115 and 117-119 within the following applications, assigned to the same assignee as the present invention, is a description of our invention.

US 60/115,878, FILED 01/13/1999;
US 60/115,877, FILED 01/13/1999;
US 9/257,265, FILED 02/25/1999;
US 09/257,266, FILED 02/25/1999;
US 09/425,228, FILED 10/22/1999;
US 09/425,229, FILED 10/22/1999;

PCT/US 00/00768, FILED 01/13/2000;
PCT/US 00/00648, FILED 01/13/2000;

US 09/722,418, FILED 11/28/2000;

US 09/758,266, FILED 01/12/2001;
US 09/758,548, FILED 01/12/2001;
US 09/758,549, FILED 01/12/2001;
US 09/773,659, FILED 02/02/2001;
US 09/773,675, FILED 02/02/2001;
US 09/773,672, FILED 02/02/2001;
US 09/773,658, FILED 02/02/2001;
US 09/773,604, FILED 02/02/2001;
US 09/777,920, FILED 02/07/2001;
US 09/889,227, FILED 07/12/2001;
US 09/907,970, FILED 07/19/2001;
US 09/948,915, FILED 09/10/2001;
US 09/993,647, FILED 11/27/2001;
US 60/334,609, FILED 12/03/2001;

US 10/042,226, FILED 01/11/2002;
US 10/071,248, FILED 02/11/2002;
US 60/354,950, FILED 02/11/2002;
US 60/354,937, FILED 02/11/2002;
US 10/086,417, FILED 03/04/2002;
US 10/308,187, FILED 12/03/2002;

PCT/US 02/03361, FILED 02/07/2002;
PCT/US 02/38439, FILED 12/03/2002;

US 10/361,358, FILED 02/11/2003;
US 10/361,859, FILED 02/11/2003;
US 60/471,735, FILED 05/20/2003;

US 60/489,102, FILED 07/23/2003;
US 10/659,639, FILED 09/11/2003
US 60/520,399, FILED 11/17/2003;

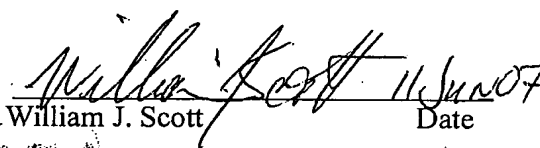
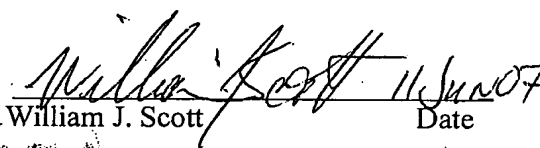
PCT/US 03/04103, FILED 02/11/2003;
PCT/US 03/04109, FILED 02/11/2003;

US 60/536,734, FILED 01/16/2004;
US 60/540,326, FILED 02/02/2004;
US 60/556,062, FILED 03/25/2004;
US 10/848,567, FILED 05/19/2004;
US 10/895,985, FILED 07/22/2004;
US 60/604,752, FILED 08/27/2004;
US 60/604,753, FILED 08/27/2004;

PCT/US 04/15655, FILED 05/19/2004;
PCT/US 04/15653, FILED 05/19/2004;
PCT/US 04/23500, FILED 07/22/2004;

US 60/658,827, FILED 03/07/2005 AND
US 60/731,277, FILED 10/31/2005.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

_____ Bernd Riedl,	_____ Date	 William J. Scott	 Date
_____ Jacques Dumas,	_____ Date	_____ Roger A. Smith	_____ Date
_____ Uday Khire,	_____ Date	_____ Jill E. Wood	_____ Date
_____ Timothy B. Lowinger	_____ Date	_____ Reina Natero	_____ Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bernd RIEDL et al.

Confirmation No.: 6634

Serial No.: 10/042,203

Examiner: Rita J. Desai

Filed: January 11, 2002

Group Art Unit: 1625

Title: **Ω -CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS RAF KINASE INHIBITORS**

Declaration under 37 CFR § 131

MAIL STOP NON FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, the undersigned, being duly warned declare that:

We are co-inventors named in the above-identified application.

We are co-inventors of subject matter disclosed in US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January 13, 1999.

We have reviewed claims 68 and 122-137 now pending in the above application and we believe we are the co-inventors of the subject matter of claims 134-136 therein.

As evidenced by compound numbers 42 and 43 within the tables of US PROVISIONAL APPLICATION NUMBER 60/115,877, filed on January 13, 1999, we invented these compounds at least as early as January 13, 1999.

Any description of the subject matter of claims 134-136 within the following applications, assigned to the same assignee as the present invention, is a description of our invention.

US 60/115,878, FILED 01/13/1999;
US 60/115,877, FILED 01/13/1999;
US 9/257,265, FILED 02/25/1999;
US 09/257,266, FILED 02/25/1999;
US 09/425,228, FILED 10/22/1999;
US 09/425,229, FILED 10/22/1999;

PCT/US 00/00768, FILED 01/13/2000;
PCT/US 00/00648, FILED 01/13/2000;

US 09/722,418, FILED 11/28/2000;

US 09/758,266, FILED 01/12/2001;
US 09/758,548, FILED 01/12/2001;
US 09/758,549, FILED 01/12/2001;
US 09/773,659, FILED 02/02/2001;
US 09/773,675, FILED 02/02/2001;
US 09/773,672, FILED 02/02/2001;
US 09/773,658, FILED 02/02/2001;
US 09/773,604, FILED 02/02/2001;
US 09/777,920, FILED 02/07/2001;
US 09/889,227, FILED 07/12/2001;
US 09/907,970, FILED 07/19/2001;
US 09/948,915, FILED 09/10/2001;
US 09/993,647, FILED 11/27/2001;
US 60/334,609, FILED 12/03/2001;

US 10/042,226, FILED 01/11/2002;
US 10/071,248, FILED 02/11/2002;
US 60/354,950, FILED 02/11/2002;
US 60/354,937, FILED 02/11/2002;
US 10/086,417, FILED 03/04/2002
US 10/308,187, FILED 12/03/2002;

PCT/US 02/03361, FILED 02/07/2002;
PCT/US 02/38439, FILED 12/03/2002;

US 10/361,358, FILED 02/11/2003;
US 10/361,859, FILED 02/11/2003;
US 60/471,735, FILED 05/20/2003;
US 60/489,102, FILED 07/23/2003;
US 10/659,639, FILED 09/11/2003
US 60/520,399, FILED 11/17/2003;

PCT/US 03/04103, FILED 02/11/2003;
PCT/US 03/04109, FILED 02/11/2003;

US 60/536,734, FILED 01/16/2004;
US 60/540,326, FILED 02/02/2004;
US 60/556,062, FILED 03/25/2004;
US 10/848,567, FILED 05/19/2004;
US 10/895,985, FILED 07/22/2004;

US 60/604,752, FILED 08/27/2004;
US 60/604,753, FILED 08/27/2004;

PCT/US 04/15655, FILED 05/19/2004;
PCT/US 04/15653, FILED 05/19/2004;
PCT/US 04/23500, FILED 07/22/2004;

US 60/658,827, FILED 03/07/2005 AND
US 60/731,277, FILED 10/31/2005.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Bernd Riedl, Date

Jacques Dumas, Date

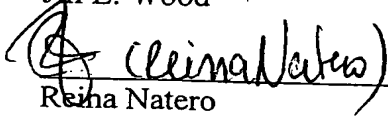
Uday Khire, Date

Timothy B. Lowinger Date

William J. Scott Date

Roger A. Smith Date

Jill E. Wood Date


Reina Natero

07-18-06
Date